For Research Use Only

Midkine Polyclonal antibody

Catalog Number:28546-1-AP 3 Publications

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Basic Information

Catalog Number:
28546-1-AP

Size:
400 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG29185

GenBank Accession Number:
BC011704

GeneID (NCBI):
4192

UNIPROT ID:
P21741

Full Name:
midkine (neurite growth-promoting factor 2)

Calculated MW:
16 kDa

Observed MW:
16 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000
IHC 1:250-1:1000

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB, IHC

Species Specificity:
Human, mouse

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse embryo tissue,

IHC : human pancreas cancer tissue, human stomach cancer tissue, human lung cancer tissue

Background Information

Notable Publications

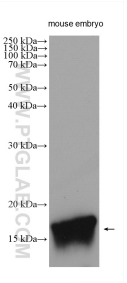
Author	Pubmed ID	Journal	Application
Qian Jiang	39072291	Mol Ther Oncol	WB,IHC
Masahiro Hashimoto	38614865	EBioMedicine	WB
Chengming Qu	38253029	ACS Nano	WB

Storage

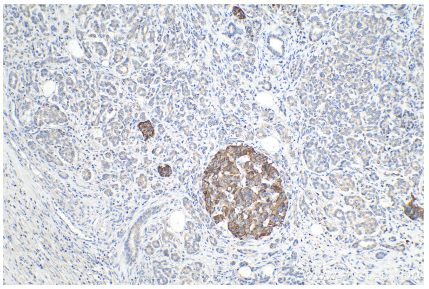
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

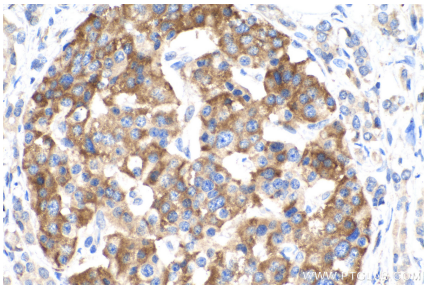
Selected Validation Data



Mouse embryo tissues were subjected to SDS PAGE followed by western blot with 28546-1-AP (Midkine antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 28546-1-AP (Midkine antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 28546-1-AP (Midkine antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).